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| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE  |  |  |  |  |  |  |  | ATTY. DOCKET NO.<br>S01-079    | SERIAL NO.<br>10/007,631 |
| <b>LIST OF PRIOR ART CITED BY APPLICANT</b><br>(Use several sheets if necessary) |  |  |  |  |  |  |  | APPLICANT<br>Daniel S. Pickard |                          |
|  |  |  |  |  |  |  |  | FILING DATE<br>11/9/2001       | GROUP<br>2811            |

**U.S. PATENT DOCUMENTS**

| EXAMINER INITIAL |   | DOCUMENT NUMBER |   |   |   |   |   |   | DATE     | NAME                  | RELEVANT INFORMATION |
|------------------|---|-----------------|---|---|---|---|---|---|----------|-----------------------|----------------------|
| JN               | A | 4               | 9 | 9 | 3 | 0 | 3 | 3 | 2/12/91  | Lin                   | 372/30               |
|                  | B | 5               | 5 | 9 | 2 | 0 | 5 | 3 | 1/7/97   | Fox, et al.           | 315/3                |
|                  | C | 5               | 6 | 8 | 0 | 0 | 0 | 8 | 10/21/97 | Brandes, et al.       | 313/533              |
|                  | D | 5               | 9 | 8 | 6 | 3 | 8 | 7 | 11/16/99 | Niigaki, et al.       | 313/103              |
|                  | E | 6               | 0 | 0 | 5 | 3 | 5 | 1 | 12/21/99 | Sverdrup, et al.      | 315/169.1            |
|                  | F | 6               | 0 | 6 | 0 | 8 | 3 | 9 | 5/9/00   | Sverdrup, Jr., et al. | 315/160              |
|                  | G | 6               | 1 | 0 | 0 | 6 | 3 | 9 | 8/8/00   | Sverdrup, Jr., et al. | 315/169.3            |
|                  | H |                 |   |   |   |   |   |   |          |                       |                      |

**FOREIGN PATENT DOCUMENTS**

|   | 2-letter code | DOCUMENT NUMBER | DATE | COUNTRY | TRANSLATION |    |
|---|---------------|-----------------|------|---------|-------------|----|
|   |               |                 |      |         | YES         | NO |
| I |               |                 |      |         |             |    |
| J |               |                 |      |         |             |    |

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

|    |   |  |
|----|---|--|
| JN | K | A.W. Baum, Doctoral Thesis, Stanford University Department of Applied Physics, Stanford, California 1997   |
|    |   | L. Diedrich, et al., "Electron Emission and NEA from Differently Terminated, Doped and Oriented Diamond Surfaces," Diamond and Related Materials, 8, 1999, pp. 743-747 |
|    | L | R. Kalish, "Doping of Diamond", Carbon, 37, 1999, pp. 781-785  |
|    | M |  |
|    | N |  |

|          |               |                 |         |
|----------|---------------|-----------------|---------|
| EXAMINER | JOSEPH MURRAY | DATE CONSIDERED | 3/21/03 |
|----------|---------------|-----------------|---------|

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.